THE UNIVERSITY EXPERIMENTS

The Professors Hampered by an Abeen of Cash-The Process of Analysis-Beets thowing a High Percentage of Sugar May Be Baleed to Nebraska.

(Special Correspondence.) LINCOLN, Neb., Nov. 19.-The sugar Cook and from Rulo to Chadron, the in- at the factory as ore at the mill, and terest is manifested by the cultivation of there are beets that will not pay the exthe root and sending of samples for pense of working up, just as there are analysis to the chemical department of the State university. The late legislature enected a law offering a bounty for the lines of agriculture, only toil and sweat Preduction of Sagar

from it, and several communi actively considering the advisability of establishing a plant and going into the business. It is not the purpose of this article to attempt to throw any light upon the probabilities that might attend such an enterprise, except insofar as may be done by a simple recital of results that have attended the analyses up to this stage of their progress. The chemical department of the university is in charge of Professors H. H. Nichol son and Rachel Lloyd, the latter having given more personal attention to the sugar beet, and it is to her that I am indebted for data for the following state ment-except description of the work ing apparatus. For a caustic remark or two on that head I cheerfully accept undivided responsibility. Up to this date the number of sample lots sent in by in dividuals who have raised them is fifty-four. About as many have been gathered from the college farm. In the latter case the se lection has been confined to four varieties, one root of each being pulled at regular intervals of a week. This has been done with a view to ascertaining as nearly as possible the stage of ripeness at which it is best to harvest the crop While enough has not been learned for definitely fix a date or state for the most profitable harvesting, it is known that there are differences in the yield of sugar quite worth being noted. Many New Chemical Problems

of the investigation and have been main ly solved, but it is needless to detail them. Yet right here is the place to speak of the working 'apparatus at the radish grater is the only implement. For expressing the juice a common letter copying press has been brought into use. This makes the work very hard and tedious. It is to be regretted that a trifling appropriation of \$100 was made to procure suitable apparatus for expediting the labor and making it easier. It does not sound very well to say that the State university, in doing extra work for the interests of the public at large, must do it in a slavish manner by hand with tools that a Pueblo Indian woman would discard as behind the times. With these rude appliances some crude sugar was made and exhibited at the state fair in

have presented themselves in the coun

Seed has been distributed by the uni versity and by the state deputy commissioner of labor, that department having co-operated actively in the matter. Samples of Beets

have been received from the following points in the state: Union, Howells. Utica, Walsoo, Beaver Crossing, Pilger, Fairfield, Howard, Tecumseh, Orleans, Webster, Edgar, McCook, Prairie Center, Chambers, Republican City, Crete, Pawnee City, La Platte, Inavale, Platte Center, Alliance, Hastings. Wellfleet. Grand Island, Valentine, Fort Niobrara, Brownville, Max, Chadron, Norfolk, Lincoln, Bassett, Wabash, Pender, Lodge Pole. Haskins, Odell, and other points not definitely given by the collectors. Ex-Governor Furnas has been ardent and systematic in his contributions, and the Union Pacific Railroad company has gathered a large quantity from along its line which will be shortly sent in. It is evident that every variety of soil has been tested, and it is needless to say that every degree of cultivation has been employed. In the latter matter, however, there is of necessity some vagueness. but the hoe has been the implement almost exclusively used, as the plants have been raised in patches too small to plow. When the seed was distributed it was accompanied by a printed circular of instructions and a blank to be filled out and returned with the samples. This has not always been done satisfactorily, but with sufficient accuracy to afford a basis for conclusions that may be regarded as substantially correct in a general way.

Prof. Lloyd Says it has been pretty thoroughly shown that beets may be produced in Nebraska bearing uniformly a much higher per centage of sugar than has been found necessary to profitable manufacture in Europe. As to whether, even with the high quality of the root, it could be converted into sugar here with financial success, she would not undertake to say, as that was a question for the man ufacturer and not the chemist to solve. Into it enter the cost of machinery, the price of labor and the state of market-things wholly outside the domain of the laboratory. One hundred and twenty-five analyses have been made and many of these have been duplicated. The yield of sugar obtained has ranged from 4 to 18 per cent., the latter from samples sent from Grand Isl-and. They evidently represented a combination of pure seed of the best variav and a careful cultivation. These beets were contributed by Mr. H. Jul. Fuhrproduction of a sugar beet of commer cial value. Prime among these is good seed-by which is meant a variety that is already established as a first-class sugar producer. This point is clearly

Among Other Influences not so well understood are the soils and climatic conditions. It is generally concluded from the experience of planters and producers in countries now yielding beet sugar, that Nebraska is admirably adapted to beet culture, the best yield resulting from a succession of early summer rains followed by hot and dry weather. These conditions especially characterize all of central and western Nebraska. The matter of the best soil is not yet fully determined, and is to be the subject of continued investigation. With all due respect to the laboratory, my own opinion is that this question will be solved in the field. Method of cultivation is of no small importance, but presents no difficulties if it is once shown that the work invested will make returns in wages. It be maypretty safely asserted that any Neb-rasks soil will produce beets profitably if the main conditions of pure seed and careful cultivation are complied with. The natural requirements of showers during the season of growth, with a hot sun and dry atmosphere during the neriod of

ripening, are found here. While the range of result in the various analyses has been from 4 to 18 per cent., the average has been 8 to 14 per cent., the higher figure being above what is said to be requisite to profitable conversion into surgar.

plainly that there was no probability of The Best Variety,
as determined by the experiments, is the
vilmorin. The seed of this, imported
pure from Germany, produced the 18per cent. yield from Grand Island. A
widespread misapprehension exists about
the sugar best. Many farmers sent in
the bigger residual and a series of the second residual and a second resid the biggest specimens they could find, he would "get there." A few days after the senior member of some of them equaling in size, porousness and burden of excrescence the mon-sters that took premiums at the state fair. Strictly speaking, these are not sugar beets at all. The true article is small, compact, firm, smooth, tapering and white-meated. The aim of the cultibeet is just now claiming a good deal of vator should not be to produce the largest the attention of many enterprising and number of tons per acre, but the greatest somewhat widely scattered citizens of proportion of sugar to the least waste Nebraska. From Dakota City to Me- material. It is as easy to sample beets

and the neck or upper end cut off.

of lead, which is prepared in the lab-

oratory in order to insure its purity.

The proportion of sucrose is esti-

mated by the polariscope and the

esult adjusted to the known

weight of the entire beet so as to obtain

the percentage of sugar it has vielded.

The glucose, which is a comparatively

Fehling's solution. Prof. Lloyd is a con-

scientions and precise chemist, devoted

o her work and highly capable, so that

there is no room to doubt the accuracy

of the results she announces. She is as-

sisted by two or three zealous and com-

petent young men among the students.

ally that the ash of the beet is

to its principal and most important soil

constituents. Mr. Marsland is the oper-

ator, and it should noted that a chicken

feed mill is the implement he "perforce"

First-Kind and variety of

Fifth-Method of cultivation.

Third—Date of planting. Fourth—Kind or soil.

Seventh-Cost per acre.

Eighth-Kind of season.

it is worthy of commendation.

Second-Number of acres planted.

Sixth-Time of harvesting, yield per

tion gained was not in all cases as com-

plete and definite as could be desired.

Generally Speaking.

parently there is nothing left to settle

but the financial feature of the case. It

is not to be supposed that the soil and

climate at Grand Island differ materially

from the same conditions at any point

within a considerable distance. That

point is moving in a practical direction

and a company is in progress of organi-

zation, the object being to establish a

the matter at other points, and there is

THE OFFICE BOY.

May Get the Other Thing.

Certainly. I have known several cases,

and will give a free translation of three.

I wrote a note to a book house that ran

I want you to try as a boy Fred - He to

plucky, means business, will not whine about promotion, will work as early and late as you wish, will hold his tongue, and will earn \$2 for every one you pay him. He will be content with \$3 a

I have no vacancy among the boys, but such a boy as you mention will always pay twice over. It was a loud commendation you gave him. If you dare stand by it, send him along. I shall

Fred reported for work the next morning. He began at the bottom, sweeping, dusting, clearing up, taking away books,

carrying off waste paper, etc. In a short time the store looked as it never

did before. He was the first there in

the morning and the last at night. He

never asked what to do next, but found

something to do until new work was

assigned. He kept his mouth shut, his

eyes and ears open, and his feet and thoughts active. The fifth week they raised him to \$5 and gave him work

above four other vouths whom he found

I received this reply in substance:

sep your indorsement for ready referen

after this fashion:

Are office boys never promoted, then?

May Get Promoted and How He

sumed a definite form.

ndergoing investigation with reference

may be remarked, parenthetic-

mimportant element, is estimated by

something to have such an arhibition of as on the street." In the course of a few months another boy was secured, and Ben was given \$6. until, in less than three years, he was having \$20 a week, making a place for himself by the way he did everything. In those three years a thousand other such ores. There will be found in the boys in Boston had changed from place future production of beet; no magic to place, and were still working for \$3 short cut to wealth. In this, as in other or \$4 a week. are convertible into cash. While in

The boy who is merely an office boy pursuit of information on the general will never be promoted, neither will he who is above being an office boy; who is subject, among other courtesies at the lazy, indifferent, talkative, sulky, moody, hands of Professor Lloyd, I was shown meddlesome, envious, jealous, afraid of doing more than his share, and bound not to earn more than he is paid for. He The beet is trimmed of its top and will be promoted who makes himself ootlets, carefully cleaned and weighed. equal to every emergency; who loves The bark, or skin, is then scraped away work, learns how to work, how to be cheerful and loyal, lending a hand everyends are then removed, the central twowhere; who puts brains into his work: thirds remaining, as this portion is the who lets his "head save his heels;" who best. Quartered and sliced, the meat is will work anywhere, at any time, at anythen grated on the rude implement menthing, without complaint,-A. E. Win tioned above, and the juice expressed. ship in Golden Rule The liquid is then purified by basic actate

was raised to \$13 a week without selv-

Ben went from the high school into an office at 88 a week. They told him

The Endurance of the Camel. Admiral D. D. Porter, who once went to North Africa to secure camela for introduction into America, said in a recent interview: "In their campaigns against Algiers, the French were surprised to see their camels, although reduced to skeletons, making forced marches with their loads. Mules in their condition could not have carried even their saddles. A camel's flesh is as good as beef. You can hardly tell one meat from the other. Camel's milk is very good, as I can testify, because I used it in my coffee. A camel generally drinks once in three days, and besides his four stomachs he carries a sort o reservoir in which he stores water. have been told that even ten days after the death of a camel this reservoir can be opened and ten or fifteen pints of clear. drinkable water taken from it.

employs to puly rize the dried remains "On one occasion six camels carried 3,648 pounds of oats and made the jourpreparatory to the crucible. This work ney in much quicker time than two wagis not se "iciently advanced to admit of ons, each drawn by six mules, and toany an mancement of result. It is hoped service of the department. For reducing to submit it to the January meeting of gether carrying about the same weight of our camels carried from San Antonio nearly two tons of oats, making about twenty miles a day. The roads were involved in what has been undertaken to such that wagons could not have been used at all. I believe this is an experidescribe. The chemical department in March last issued a circular to persons ment worth trying again. The camel likely to engage in beet raising, rewould not only make a valuable adjunct questing information on the following to our army in the northwest and west, but I believe the day is coming in which he will be domesticated as a beast of burden all through the southern and middle regions of this country."

> It was a charming picture altogether as Lady Colin came down the vista toward me, says a London letter. As I rose to meet her it was difficult to The circular was accompanied by a suppress the exclamation: "Ah. Diana small quantity of seed, but the informaof the Crossways!" Lady Colin is a very tall, slender, regal woman. Her height must be at least 5 feet 9 inches, but so exactly proportioned is the whole form that there is no effect of Each sample is analyzed. The result is noted, with the name and location of the grower and the points embodied in overtopping us smaller mortals. Her complexion is a clear, pale olive, with high color only in the lips, and she carries her head royally, with its the reply to the circular are added. It is estimated now that this will be repeated i 1 250 cases, and as it is all in addition to the regular duties of the professors and crown of jet black hair. The featstudents engaged in it, there is no need ures are regular, the eyebrows deli-cately penciled. She was dressed in a to say that the zeal which accomplishes it is safe to conclude that beets of the requisite quality may be produced in Nebraska. The most careful experiments have been made at Grand Island, and ap-

severely plain green cloth costume trimmed with dark fur. The perfect lines of her form were not obscured by a single fold. The tall palm, bending graciously, inclining to this side or that, typified her. At the time of the trial a triend told me she had once met at dinner Lady Colin just after her marriage. My friend asked who the beauty was, and on being told she remarked that fate would no doubt give the royal looking lady a history. In fact, it is easy to see that Lady Colin was inevitably destined to play a role like George Meredith's heroine.—New York Star.

plant and go into the manufacture of What a Lemon Will Do sugar. There is more or less agitation of Lemonsde made from the juice of the lemon is one of the best and safest drinks for little doubt that within a few months any person, whether in health or not. It is suitable for all stomach diseases, excellent in the enterprise will somewhere have assickness, in cases of jaundice, gravel, liver complaint, inflammation of the bowels and fevera. It is a specific against worms and skin complaints. The pippin crushed may be In the beginning of practical operations will come the rub. The state of the market for the perfected product. used with sugar and water and taken as the willingness of the somewhat careless drink. Lemon juice is the best antiscorbution Nebraska farmer to get down to the delremedy known. It not only cures the disease, but prevents it. Sailors make daily use of it for this purposa. We advise every one to rub their gums with lemon juice to keep them in a healthy condition. The hands and nails are also kept clean, white, soft and supicate exactness of culture, the expertness of the manager of the plant, the cost of the machinery, the supply and wages of labor and a number of other elements enter into the calculation. ple by the daily use of lemon instead of soap. It also prevents chilblains. Lemon is used in intermittent fewers, mixed with strong, These may be left without further discussion to the men who have the requisite money and familiarity with the hot, black coffee, without sugar. Neuralgia. it is said, may be cured by rubbing the part To those who may not readily accept affected with a cut lemon. It is valuable also, to cure warts. It will remove dandruf as conclusive the analyses and estimates of the chemical department of the uniwill alleviate and finally cure coughs and colds and heal diseased lungs, if taken hot on going to bed at night. Its uses are manifold, and the more we employ it internally the better we shall find ourselves. A doctor in versity it may be added that the results obtained by it have been corroborated by the chemical division of the agricultural department at Washington, as well as by distinguighed chem-Rome is trying it experimentally in malarial fevers with great success, and thinks that it will in time supersede quining.—Rehoboth ists in this country and abroad, to whom the roots were submitted for the

purpose of analysis. It would really seem t' it with the protection of the tariff '. a encouragement of the state At midnight the other night a patrolm bounty, and the naturally favorable cirfound a man lying on the grass under a tree in the Randolph street park, and he aroused cumstances, the inducements to attempt the manufacture of sugar are irresistible. J. D. CALHOUN.

hera."
"But I have a good excuse," replied the "What is it?" "See that house over there? Well, please do me the favor to go and ring the bell, and ask if William Dockey is at home." The officer accorded the steps and rang the bell. A bend was thrustout of an open cham-her window and a famela valor demanded.

ber window and a female voice de

"Now, who is there?"
"Madam," replied the officer, "is William Dockey at home?"
"No, sir, and I don't expect him until day light?" snapped the woman, and at the same moment a bowlful of water descended on the officer's head and half drowned him. "Well," said the man on the gram, as the dripping officer came up, "you see how it is, don't you! I'm Dockey. That's Mrs.

"I think I see," replied the officer. "You can remain right where you are."—Detroit Pres Press She Was Frond of Ein "Are you interested in athletics? school Miss Twillick of a young traveling man who had been paying her come attention.

"I didn't care much about those me entil recently." "But you are exercising now?" "I should say so. I can jump a ten france at one bound and outran any h legged dog that ever infected a door yard."
"And to think," she murmured founly, "that it is to my father that you owe all this."-Merchant Traveler.

and I put my horse to the run in order A SONG OF HOPE. that I might be on hand with as little delay as possible. As my horse clattered over the bridge that spanned the Pipestem, I heard a succession of faint rifle shots from the direction of the profes-Sunny days are firsting.
Happy hearts are besting.
Smiling lips repeating:
"How cheerful is this earth."
Fearing not the merrow,
Seeking not to berrow
From another's sorrow
A damper for their mirth.

But other hopes are dying, And other hearts are eighing, And other lips are crying:
"Oh, welcome, tardy Death! Our life is but a bubble; Our lot is pain and trouble; We've gathered only stubble, And felt the tempest's breath."

Ainst some lives are tearful, And others bright and cheerful, But be not sed nor fearful, For heaven is just and fair. The miner dies for treasure, The monarch sees no leisure, And they who seek but pleas Soon find that castle air. And they whom life oppresses
Find heaven doubly blesses
And soothes their end distress
And all will rightly prove.
For beaven's smile is o'er us

And beaven's bow before us.

So join the mighty chores Of praise For God in the

NANCE.

the ordinary sense of the word. She was sunburned and freckled, and her nose had too much the suggestion of a snub to be an ornament. But she had fine eves-not large, but small, expressive and fringed with heavy black lashes. She was a strong limbed, well developed and hearty girl of 22, or thereabouts, at the time of this story, and was known to the Skytown community as a fearless

woman, and no less peculiar than brave. Peculiar, indeed! She had no relatives that any one knew of, and was all alone 'way out in that western country, and for a woman to be alone in Dakota in '82-3, and especially "holding down a claim" ten miles from any one, present-ed a spectacle of self sacrifice and daring rarely exhibited by the gentler sex. But Nance was equal to the emergency

If she had a heart to dare, she had an arm all sufficient for her protection. She could handle a gun with the skill and ease of a professional ranger, and had more than once demonstrated her superb marksmanship. I have seen her break the wildest of bronchos to the saddle, and by a score of similar acts proclaim herself the mistress of her situation.

Yet, with all her masculfie qualities she was feminine to the greatest degree in some of the sweeter virtues of her sex. She was ready witted, bright and tender hearted, and whenever she came into the store to trade it was a treat for me to draw her out in conversation. She was usually very reserved, but from time to time I gleaned a few facts concerning her early life. She was born in California. There was a tinge of Indian blood in her mother's veins and her father was a had been thrown in the most rugged surroundings, and I could not but wonder how she had grown up into her scatheless womanhood. . She was a diamond in the rough-I could see that and I gloried in it, but how she supported herself and why she buried herself away out in that lonely region afar from womankind and civilization were mysteries to us all. Along in the summer of '83 a youn

fellow from the east came to Skytown and settled down among us. He was a pale, sickly looking individual, slightly built, had blue eyes, curly yellow hair and wore goggles. He was very refined in his language and dress, and carried himself with such a scholarly air that he was immediately christened "Pro fessor." His father, he told me, had sent him west for his health. He had come to Dakota with the avowed intention of roughing it, and wanted me to advise him the proper method for seeing the greatest amount of pioneer life in the shortest possible time. I advised him to take up a claim, roll up his sleeves and do as we Dakotans did. He followed my advice the letter. I introduced him to Charley Atwood, and he purchased of him the relinquishment of a fine quarter of ground, three miles from town, remodeled the shack a little to suit his convenience, and started in to experience Dakota life. In some manner he became acquainted with Nance Williams, and they grew to be steadfast friends. I knew their friendship was warm, but did not dream it was so strong as after events proved.

One night, about 8 or 9 o'clock, Nanco Williams came into the store. She did not show much excitement, but her eyes blazed in a manner that evidenced her feelings. She approached me and said in a low tone: "I'd like ter speak with you, Mr. Bar-

She looked sideways at two or three oafers in the store, and I knew she de-

sired to see me privately. I was some what surprised, but conducted her to my little cubby hole of an office. "What do you suppose Rice Fielding Tom Jenkins an' all that gang are goin' er do to-night?" Her voice shook with passion

"I cannot imagine, Miss Williams said I in a tone of alarm. "They're over at Spangler's plottin' beat the professor out o' his claim!"

"You don't tell me!" "I do, though. You see, the professo is out o' town an' that gang knows it, so they're goin' to try an' steal his place."

"But they can't"-"They say they can. They say they" try it an' give the tenderfoot a big scare anyway. Why, I never heard of such an outrage!"

"How do they intend to go to work to get the professor's claim?" "I heard 'em talkin' it all over. Said they'd take along a keg o' whisky an' move into his shack an' stay there. They're goin' up to-night. They won't have any time to-morrow, 'cause the professor'll get back then. You know, he went to Jimtown Tuesday. Can't you do somethin', Mr. Barlow?

"The law won't uphold them, Miss" She snapped her fingers. "That for the law! I tell you these and is well pleased with the progress fellers sha'n't get into ehack if I can help it." She drew herself together like an an-

gry Amazon, and her eyes were twin coals of fire. "I beg of you don't be rash, iams. Remember"-There came a chorus of yells from

Spangler's. Nance Williams listened a "Hear that," she said harshly; "they're gettin' ready to go. It's time I was movin'. You mark my words, Mr. Barlow, the professor's claim is safe - Nance

Williams says so." She rushed out of the store and away into the night. A few minutes after a horse came past at lightning speed, with Madcap Nance crouching low in the saddle and speeding away on her hair-brained mission. Shouts and yells came from Spangler's

and not long after Nance had gone a drunken rabble rode by the store in the direction she had taken. I felt certain something of a serious nature was threatened, so, as soon as I could leave the store, I saddled my horse and followed. The moon had come out of the purple sky overhead. In her light the landscape was brought out with startling distinciness, for Dakota moons are noted for their intense brilliancy. Tom Jenkfirst "honor" schools is given by uniins' gang had a half hour the start of me, versity lecturers and tutors at the asso

"My God!" I cried, "the girl will be killed!" and I lashed my horse to greater

would be helpiess in an encounter with | the drunken rabble. I had thought of the drunken rabble. I had thought of nothing but getting upon the ground in the quickest possible time, for it was more than probable that Nance Williams would be alone at the mercy of the dinner is given to work. Another half crowd. As I drew nearer and neares my destination 1 heard cries from time to time, and my nerves were all a-tremble with excitement and apprehension. When I came close to the professor's claim shanty, however, I realized that Nance Williams was in no immediate danger, for the men, some ten or twelve in number, stood counseling together. From their loud talk I gleaned that they had met with a disappointment—they had thought that the professor was in Jimtown, while they had found him in the shack, on hand to protect his property.

Each hall has its own societies—literary musical, political and historical.—Bostor Traveler.

springing from my horse.
"It's Barlow," said Tom Jenkins to his associates in a low and not very delighted voice. Then, advancing toward me, he asked: "What do you want, Ike

"To see fair play," said I promptly; what are you fellows here for? "Tain't nothin' to you. You go back

o town an' leave us alone." While I was haranguing Tom Jenkins Rice Fielding, his partner, tried to steal up to the door of the house. He had gone barely half way, however, when a rife was thrust through a partly open winlow and fired in his direction. The bullet whistled uncomfortably near him. and Rice retreated with more haste than gracefulness.

"No use, Rice," said Tom Jenkins "the fellow means business. There's only one way to get at him, an' that's to "Look here," I cried excitedly; "have

you men any idea of the crime you are perpetrating? This outrage"-There were several derisive yells from the crowd, and I could see they were too much bent upon mischief to be influenced by me.

"Say, Barlow, you know as well as do that Charley Atwood hadn't no right to jump that claim in the first place. That there place belongs to me an' Tom, an' the rest of the fellers are goin' to help me get it back, so you just keep male mashers was a youthful earl; but mum an' get out o' the way." Ah, that was the idea! It was a fact

the quarter had originally been filed on by Rice Fielding, but he never went near it and made no pretension of living up to the law, consequently it became jump. gation. - G. R. Sims in London Referee. able and Charley Atwood had taken ad wood held the place, Fielding had made no move to get it back, but now that the professor had bought it a fancied wrong rankled in Fielding's breast.

against a woman. The chances were they would consider her more easily imposed upon than the professor, and, o protect Nance Williams. Going to the rear of the house where in her arms.

of wood was saturated with the oil of a same figure appears, but the child is a of straw, Rice Fielding approached to clothes. At 4 o'clock the child again burn the professor's shack. Before he could put his plan into operation, however, a figure appeared on the roof of the house. Standing aloft, stern and un-daunted, upon the flat roof, Nance Will-the now elderly mother. At 10 o'clock "Not another step," she cried warnngly, "not another inch or you're a dead

"Good God!" velled Fielding, "it's Nance!"

There she stood, erect as a statue-s arget for a dozen guns. 'Nance Williams," I cried, "for God's ake come down." "If they take the professor's claim they walk over my dead body ter get it. What are you goin' to do. Rice Field-

your gun-I'll quit. In heaven's name lon't stand there." "I'll stand here till every last one you gits acrost the Pipestem. Now, you

ellers move or I'll shoot anyhow!" Well, they "moved," and I never saw such a dismayed lot of men as mounted their horses and rode towards Skytown. They were not too much inebriated to realize that twelve men had made war on one woman, and they went back conscious of defeat

But what ailed Fielding? At the very climax of his expedition he had weakened. What caused it? Nance Williams happened to be in the store two or three days after, and I asked her.

"Huh!" said she, contemptuously, "he wants me ter marry him, an' I'd see him dead and buried afore I'd stoop so low as that after what he tried to do the professor." She paused a moment, and I saw a tear steal down her cheek. never liked but one feller in my life. Mr. Barlow, an Bill-he died. I'll tell you bout him sometime. 'Good-by." She left the store in a hurry.

"Women are women the world over. thought I, and I pitied poor Nance from the bottom of my heart .- William W. Cook in Free Fress.

WOMEN AT OXFORD.

Years for Their Benefit

The association for the higher educa tion of women in Oxford has just celebrated its tenth year of organization, made. There are now three halls for women students in Oxford-Lady Margaret, Somerville and St. Hugh's. The life at the different halls is the same in its broad outlines, although each one has its special characteristics. Each student has one room, which is used at night for a sleeping room and in the daytime for a sitting room and study. The daily routine of life at the college begins with the chapel bell at 8 o'clock; breakfast at quarter past 8. Students linger in the library to chat and read the daily papers for half an hour or so after breakfast, but by 9:30 o'clock most of them have gone off to read in their rooms or to lectures in the town.

These are given either at the roo the association for women's education. or at the men's colleges. The exe tions at Oxford are known as "pass," or "bonors." The standard of the former is estimated to correspond with that of "moderation." The "honors" examinations either aim at a standard analogous to the men's honor examination the case of literature and modern lan-guage—or are identical with them, as in the case of the classical, mathe natural ecience and modern history

schools. Most of the teaching for the

ions attend lectures at the men's collegue, and read privately with universit tutors. Honor students are admitted the Bodistan library.

Lauch at the halls is an informal mer which begins at 1 o'clock. The afternoo is mostly devoted to walks, tennis, boaring on the Irwell, and other ammement Four o'clock is ten time, and the feeting time of the day in the halls. Ten par an hour after diamer is devoted to social purposes; after that comes evening prayers, and work begins again, to be carried on for a period long or abort, according to the discretion of each student. Cos parties at 10 o'clock is a form of dissing tion that finds favor with the Oxford girls. The students at the different balls meet at lectures, and they have a debating society which holds fortnightly dis-cussions alternately at Somerville and Lady Margaret halis. There is also a tennis match between them every term.

Dade Salvations Quite a new sensation in the religious way is provided at the West End now. Last Sunday evening, while musing is Regent street on the vanity of human wishes and other subjects of a similar character, my aftention was attracted by the sound of song. I found myself at the corner of Hanover street, in the presence of a group of elegant mashers and masheresses, who were singing hymns. The ladies especially attracted my attention. They were young and charming; they were delicate little waists, diamond carrings, smart sashes and the most coquettish little sailor hate imaginable, and they carried the latest

novelty in parasols of the husband heater

The young gentlemen were faultlessly dressed. They were smart mustaches, patent leather boots and elegant high hats of the glossiest description, and in the intervals of the hymns they sucked their stick handles with a grace worthy of an habitue of the Gaiety stalls. military looking man, who might have stepped out of the Army and Navy club, wearing a gray mustache and white spats over his boots, read a chapter and led the singing. The idea is novel, but picturesque, and I was informed that fortably several hundred guests. among the elegant young charmers were two ladies of title, and that one of the for this I cannot vouch. I only know that the fair songstresses formed an ideal "angelic quire," and that, if they are going to sing in Regent street every Sunday evening. I shall join the congre-

An Ingenious Watch Dial. The changes which the flight of time brings upon humanity afford an inexhaustible subject for the lover of the curious in art and nature. As a notable In this view of the case I thought best specimen of emblematic work of a not to tell the men they were battling very appropriate and felicitous kind, a merainst a woman. The chances were watch dial now in course of construction at Waltham, Mass., is mentioned as one of the most wonderful of the many oushing to greater extremities, the affair | wonderful pieces of mechanism which night be made infinitely worse. I de have been constructed by the deft fincided to draw one side and watch the gered artists. It contains, instead of affair passively, and then, when it the usual numerals, twelve small, but reached a climax, I would do my utmost to protect Nance Williams.

distinct, silhouette figures, beginning with a woman with a very young child

there were no windows or doors through At 1 o'clock the lady and her little which a rifle could be fired, preparations | baby are clearly depicted, the infant bewere made to burn the building. A billet ing in long clothes. At 2 o'clock the lantern one of the men had brought, and, little larger. At 3 o'clock mamma i lighting this torch and taking an armful still there, but the infant is in short appears, and so on up to 8 o'clock, when he goes to school for the first time. At 9 o'clock he may be seen again in college the now elderly mother. At 10 o'clock iams covered Rice Fielding with her rifle. the death bed scene is presented, where he parts with his beloved mother. At 11 o'clock he, too, is a middle aged man, over whom the snows of many winters have passed. At 12 o'clock he makes his final appearance, an old and decrepit specimen of humanity, praying for the end.—St. Lous Republic.

The Barber's Bravery. Mr. Louis Salow, a tonsorial artist in the employ of Mr. Dave Brown, is receiving congratulations on all sides for the bravery he displayed in stopping a runaway horse the other day. The frightened animal came tearing down State street on a mad gallop, his eyes finshing fire, his nostrils distended,

hoofs clattering and striking fire on the stone pavement with every bound. A panic took possession of the people on the street, ladies shricked and fainted, and men ran for dear life, when suddenly the barber appeared upon the scene. With a bound he gained the middle of the street, seized the maddened horse by the bridle, and after being dragged a square or two succeeded in stopping him. There was a beautiful young lady-said to be an heiress-in the buggy, and she is said to have expressed the intention of marrying Louis, who saved her life.-Erie Herald.

Alfred's All Right.

On yesterday at Piedmont Park, about 2 o'clock, Alfred Cunningham, youngest son of Judge Cunningham, of West End, aged 7 years, became so interested that he got lost from his mother. He found an aunt of his, but she proved too slow for Alfred and be soon left her. After wandering around the ground awhile his hunger suddenly re-

from home. The manly little fellow set out to walk home by himself. Not knowing the way he took the street car in time for supper, greatly to the relief money refunded. Trial bottle free at of the distremed family. Alfred will make his way in the world.-Atlanta

Francois Chaynot, of Cornwall Hollow mong the Cornwall mountains, in Con necticut, has been searching for three years for iron ore on his farm. For the past year he has been employed in dig-ging a tunnel about six feet square into the side of a mountain. He has gone 350 feet. At the entrance he blasted for long way through solid rock, then came a kind of clay of a vellow color and next he found a red substance resemblin ochre. He has a gravity track and car running the whole length of his queer mine which he is working alone. Many springs have been found that gush forth pure, cold water. Mr. Charnot has now struck into stone containing large quantitles of iron, and his finds are richer as as he proceeds inward.—Philadelphia

The managers of the Berlin cafes conerts have offered a prize of 300 marks o whoever shall find purely German ames for the following commonly used oreign words: "Specialitaet, programm. phantasie, equilibrist, akrobat, gymnas-tiker. eccentrics, knock-abouts, trick,

jougleur, rgostesk eccentric." - Ex-

It is a curious fact that the sound of the letter M is, in almost all the languages known, Greek, Sanskrit, Scandinavian, Hebrew, French, Latin, Chinese and others to be found in the word which stands for mother and for name. Perhaps this comes from the fact that is represents a sound existing in nearly every spoken speech, and has the same pronunciation in them all; and being exceedingly easy to utter, almost speaking itself, as it were, it is one of the first sounds that children make, and naturally enters into the spontaneous appellation gives to the nursing parent in the first ories of recognition and affection. It does not diminish the curiosity attaching to the letter that both in Hebrew and in the tengues of Ethiopia the signification of the name of this letter is water, the great teem ing and life bearing element of nature. - Har par's Basar.

Warren Schell, of Somerville, noticed that the gram in one of his fields looked as if some animal had been eating it. About 5 o'clock in the evening he returned, armed with his Winchester repeater, and found a whole family of hears in the field. The two old ones were grazing, the cubs, about two months old, were playing around their mother. Mr. Schell whistled, which caused her to raise her head, and he planted a bullet in her breast Mr. Scholl then turned his attention to the cubs, one of which rose on his haunches and showed fight, while the other climbed to the top of the fence and watched their dying mother. A bullet apiece killed them, and as the last one fell the he bear, which had made no attempt to defend his family, turned tail and ran for his life. — Fenelon Falls Gazette.

Writing of sporting in Canada, Mr. Rowan

insists upon the necessity of carrying a pocket compans. Without one no one can keep a straight course when the sky is overcast.

The tendency on these occasions is to walk in circles. It is very annoying, but by no means unusual, to find one's self after two hours' hard walking at the exact spot one started from. Indeed, I have completed my circle in half on hours when lost in the most circle in half an hour when lost in the woods without a compass. I have remarked, too, that I almost invariably trend to the right, not to the left, and on comparing notes with other "bushwhackern," I find that I am not singular in this respect. Can it be that the left is generally the better leg of the two, and takes, imperceptibly, the longer stride!-

The splendid new Idanha hotel erect ed last year at Soda Springs, Idaho, is now open for the season under the direct management of the Union Pacific railway. This hotel is first class in every respect with all the modern con-veniences and will accommodate com-

The medicinal springs which abound about Soda Springs are noted for their curative properties and many remarkable cures have been recorded. Splendid hunting and excellent fishing is to be found a few miles from Soda Springs. Good livery and guides always to be had. For further information address E. L. Lomax, Gen'l Pass. Agt. Omaha, Neb.

Mrs. McCoy, the wife of a railroad plaint of Frank Runyan of Nebraska City, for enticing away his two youngdaughters. The case had not been dis posed of, but McCoy denies the charge

About the superb Pullman Dining Cars which have been recently placed in service via the Union Pacific, "The Overland Route?" If you have, and want to get a sumptuous meal while traveling. don't fail to take the train on which these Diners run. They run on the fast Vestibule Express between Council Bluffs and Denver and on the Overland Fiver between Council Bluffs and Port-

any of the first-class hotels in the country, are served in these cars at 75c each.

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saved my life." Mr. D. I. Wilcoxson, of Horse Cave. Ky., adds a like testimony, saying: 11 positively believes he would have died. had it not been for Electric Bitters. This great remedy will ward off, as

well as cure Malarial Diseases, and for all Kidney, Liver and Stomach Disor ders stands unequaled. Price 50 cents. and \$1 at David Dowty's drug store. He that sips of many arts, drinks of

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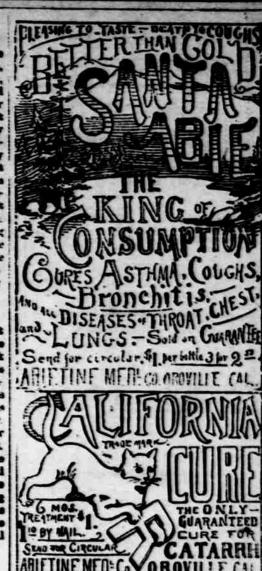
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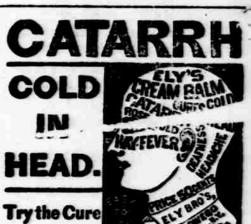
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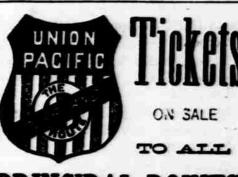
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